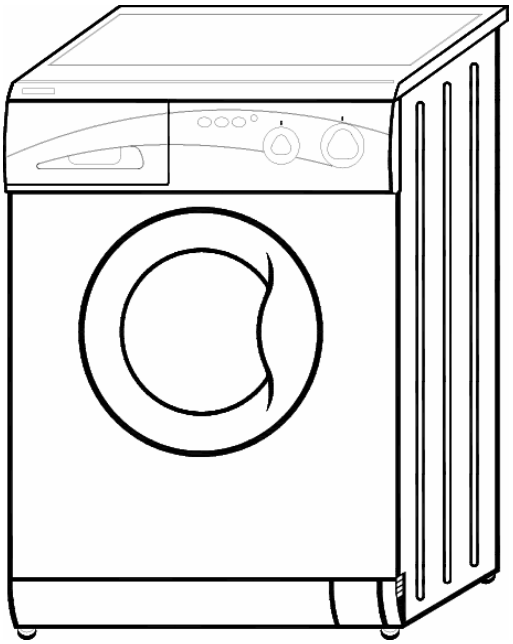
EQUATOR®
ADVANCED Appliances

SERVICE MANUAL

Fourth Edition –February 2006

LAUNDRY PRODUCTS



Combo Washer Dryer

MODELS

EZ3612CEE (Ventless)

EZ2512CEE (Ventless)

EZ1612 V (Venting)

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EQUATOR®
Combo Washer-Dryers

European Quality

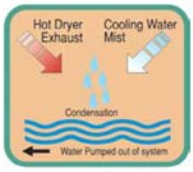
Made In Italy

Washes AND Dries in one unit

"C Series" condensing Washer-Dryers

The Ultimate in Convenience and Efficiency.
- Saves time, space, work & money
- Ventless models available
- Up to nine wash cycle settings, and seven wash/rinse water temperature combinations (depending on model)
- Stainless Steel tubs and drums

Better Cleaning, Lower Cost
Horizontal Axis design is gentler on laundry
- No agitator to harm clothes
- Saves energy & detergent
- Low water consumption
- Quiet operation

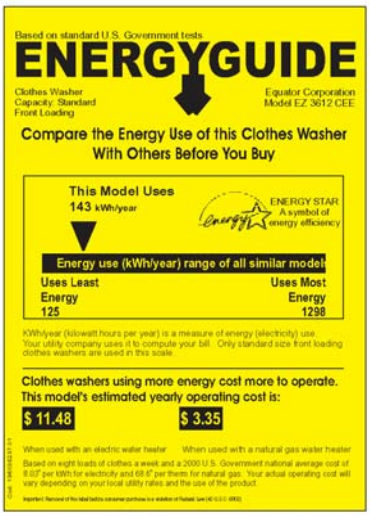


Ventless Drying
Hot air used to dry laundry is water cooled internally. Condensation is flushed from the machine via the water pump. Condensing dryers require cold water during the drying cycle to operate effectively. Condensing washer-dryers are ideal for custom-built homes or older homes and apartments which do not provide dryer vents. (Uses 3 US gal. during 120 min.

Washer and Dryer in one

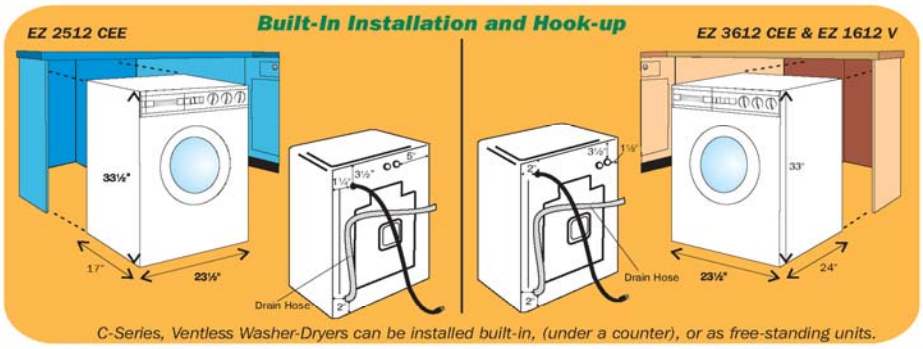
Stainless Steel Drum

Perfect Stability


Based on standard U.S. Government tests
ENERGYGUIDE
Clothes Washer
Capacity: Standard
Front Loading
Equator Corporation
Model EZ 3612 CEE
Compare the Energy Use of this Clothes Washer With Others Before You Buy
This Model Uses
143 kWh/year
ENERGY STAR
A symbol of energy efficiency
Energy use (kWh/year) range of all similar models
Uses Least Energy
125
Uses Most Energy
1298
KWh/year (kilowatt hours per year) is a measure of energy (electricity) use. Your utility company uses it to compute your bill. Only standard size front loading clothes washers are used in this scale.
Clothes washers using more energy cost more to operate.
This model's estimated yearly operating cost is:
$ 11.48
$ 3.35
When used with an electric water heater
When used with a natural gas water heater
Based on eight loads of clothes a week and a 2000 U.S. Government national average cost of 8.0¢ per kWh for electricity and 68.4¢ per therm for natural gas. Your actual operating cost will vary depending on your local utility rates and the use of the product.

All Combination Washer-Dryers feature easy to operate controls.

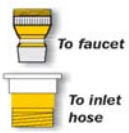
Built-In Installation and Hook-up



C-Series, Ventless Washer-Dryers can be installed built-in, (under a counter), or as free-standing units.

Single Water Source Connection

All Washer-Dryers can be connected to a single ¾" faucet if needed by using the special Y-connector *(provided)*. The Y-connector ensures that equal water pressure enters the machine through both water inlet valves.



"Quick-Connect" Faucet Adapter

- "snap-on/snap-off" connection to smaller (less than ¾" diameter) kitchen faucets.
- one-step to connect or disconnect inlet hose from faucet.

Caster Kit Makes the washer-dryer easier to move. Kit includes four casters and all hardware for installation.

Equator Low-Sudsing Laundry Detergent™

For best washing results, Equator recommends using low sudsing detergent. Ordinary detergents can cause over-sudsing which can damage H-axis washers.

Pedestal Eight inch high pedestal with levelling legs, specially designed to fit the washer-dryers and raise the machine. This allows easier access for those who have difficulty bending and lifting. Available in white.

Leveling legs built in under pedestal

Safety Approval

LISTED
Underwriters Laboratories Inc.®
USA CANADA

Mobility Cart Steel base with locking casters specially designed to hold the Combo Washer-Dryer and make it easier to move. (Specify Model when ordering).

NEW No Maintenance Required

Ventless Washer-Dryers models have no lint filter to clean.

NEW External Shipping Brackets

Shipping brackets used during shipping are located on the **outside** of the back panel for easy removal.

Fabric Softener is recommended for optimal drying.

Fabric Softener prevents clothes from "sticking" to the drum after the wash spin cycle.

One and Two Year Extended Warranties Available

Senior's Housing & OSHA Approved

Specifications			
Model/Color	EZ 1612 V/White	EZ 2512 CEE/White	EZ 3612 CEE/White
Size (HxWxD inches)	33 x 23½ x 24	33 x 23½ x 17	33 x 23½ x 24
Door Swing Angle	135°	135°	135°
Gross/Net Weight (lbs.)	176	172	176
Drain Hose	56"	56"	56"
Power Cord	60"	60"	60"
Inlet Hoses	96"	96"	96"
Capacity	14 lbs/1.92ft³	11 lbs/1.6 ft³	14 lbs/1.92 ft³
Electrical	115V 60Hz 12.8 amp	115V 60Hz 12.8 amp	115V 60Hz 12.8 amp
Main Motor	300W/900W	300W/900W	300W/900W
Wash or dry only option	Yes	Yes	Yes
Wash Settings	9	9	9
Wash/Rinse Settings	7	7	7
Pre-Wash Option	Yes	Yes	Yes
Easy Iron Setting	Yes	Yes	Yes
Extra Rinse	Yes	Yes	Yes
Spin Speed	1200/800/500 rpm	1200/800/500 rpm	1200/800/500 rpm
Built-in Water Heater	No	No	No
Additive Dispenser	Automatic	Automatic	Automatic
Heating Element	650W/1300W	650W/1300W	650W/1300W
Dryer Heat Settings	Auto	Auto	Auto
Drying Time	0-120 minutes	0-120 minutes	0-120 minutes
Pre-Heat Function	Yes	Yes	Yes
Dryer Ventilation	Venting (4")	Ventless/Condensing	Ventless/Condensing
CEE Tier	4B	4A	4B
Tub and Drum	Stainless Steel	Stainless Steel	Stainless Steel

Equator Corporation • Equator Plaza • 2851 W Sam Houston Pkwy N • Houston, Texas 77043 • USA
Toll Free: 800-935-1955 • 713-464-3422 • Fax: 713-464-2151 • www.washerdryer.com • E-mail: mail@washerdryer.com

Equator Corporation reserves the right to change model specifications and features at any time. All facts were accurate at the time of printing. Equator, Clothes-Processor and Equator Low-Sudsing Laundry Detergent are trademarks of Equator Corporation. Other product or brand names may be trademarks or registered trademarks of their respective owners.
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EQCPSS2002-01

WARRANTY INFORMATION

Your Equator appliance is protected by this warranty under normal, personal, family or household use (1 Year), and limited commercial use (90 days) in the USA and Canada.

WARRANTY

Equator Corporation undertakes to the consumer-owner to repair or, at Equator Corporation's option, to replace any part of this product which proves to be defective in workmanship or material under normal personal, family or household use, in the USA and Canada, for a period of one year from the date of original purchase.

For commercial use, the product is warranteed for a period of 90 days.

During this period, Equator Corporation will provide all labor and parts necessary to correct such defect, free of charge, if the appliance has been installed and operated in accordance with Equator Corporation's written instructions with the appliance. Ready access to the appliance, for service, is the responsibility of the consumer-owner.

EXCLUSIONS

In no event shall Equator Corporation be liable for incidental or consequential damages or for damages resulting from external causes such as abuse, misuse, incorrect voltage or acts God.

This warranty does not cover service calls which do not involve defective workmanship or materials covered by this warranty. Accordingly, diagnosis and repair costs for a service call which does not involve defective workmanship or materials will be the responsibility of the consumer-owner.

Specifically, the following work is not covered under warranty and does not constitute warranty work:

. Installation	-e.g. improper hook-up or leveling
. Maintenance	- e.g. cleaning of air and/or water filter
. Damage	- e.g. Replacing broken door handle

Most work is covered. The defining factor is, has the machine malfunctioned (Equator is responsible) or has the customer omitted or done something to cause machine to malfunction (customer is responsible).
Some States do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

WARRANTY SERVICE

This warranty is given by:

Equator Corporation,
Equator Plaza,
2801 W. Sam Houston Pkwy. N.,
Houston, TX 77043-1611.

Service under this warranty must be obtained by the following steps, in order:

Call an Equator Corporation Authorized Service Agent (obtain number of nearest agent from your dealer or by calling Equator Service at 1-800-776-3538). Under normal circumstances, Service will be provided during regular business hours (9:00 a.m. to 5:00 p.m. weekdays).

GENERAL

Since it is responsibility of the consumer-owner to establish the warranty period by verifying the original purchase date, Equator Corporation recommends that a receipt, delivery slip or some other appropriate payment record be kept for that purpose.

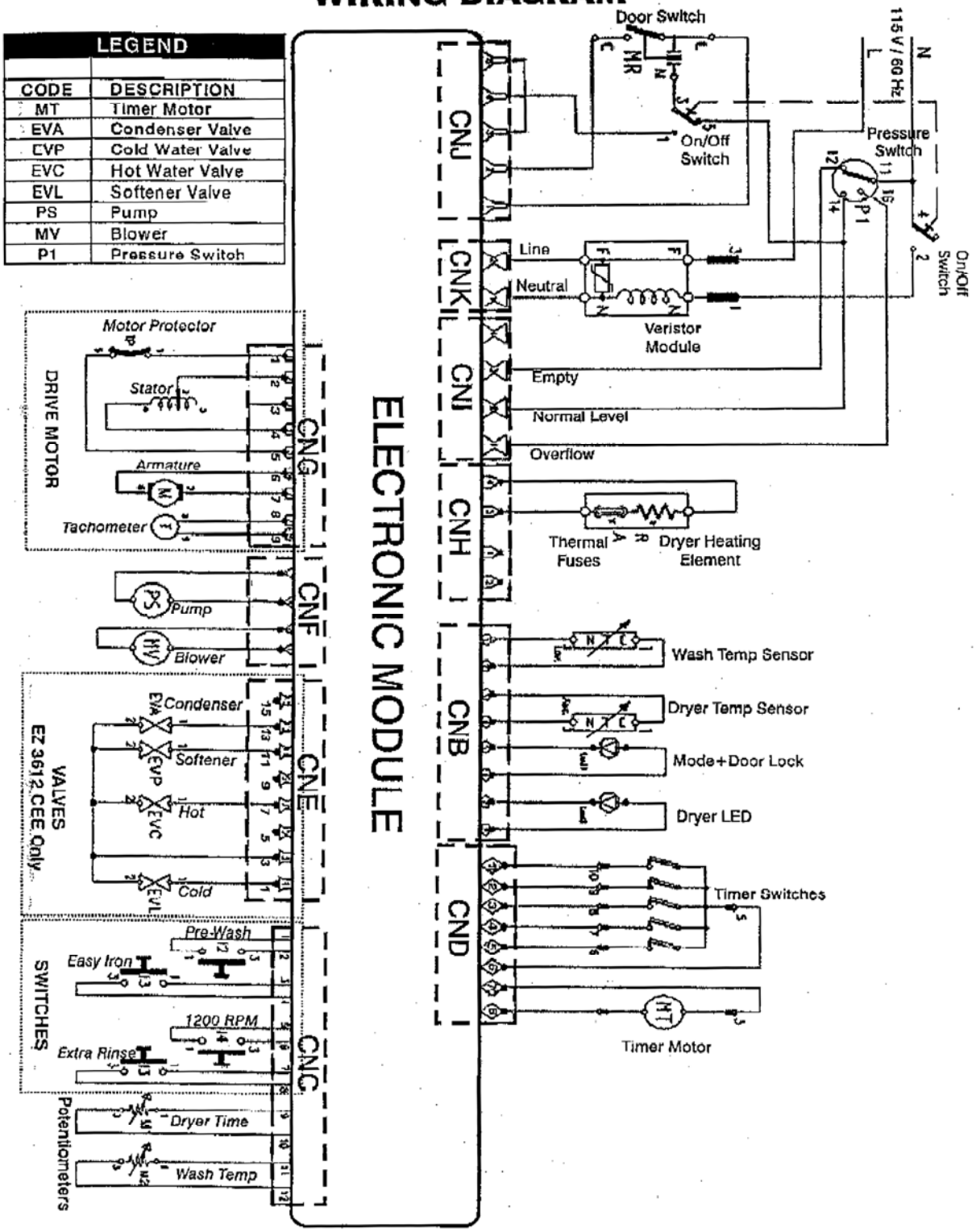
Remember to send in your Warranty Registration Card so that a proof of your purchase exists with Equator.
This warranty gives you specific legal rights, and you may also have other rights which vary from State to State.

Corporate Office

EQUATOR CORPORATION
Equator Plaza
2801 W. Sam Houston Pkwy. N.
Houston, TX 77043-1611
Tel: 713-464-3422 - Fax: 713-464-2151
Tel: 800-776-3538

LISTED
Underwriters Laboratories Inc.®
US N° 77119 CANADA

WIRING DIAGRAM



EQUATOR
ADVANCED Appliances

Combo Washer-Dryers: EZ 3612 CEE, EZ 2512 CEE, EZ 1612 V

Diagnostics Guide

NOTE: Fault indication based on how many times the Mode Light (Right)blinks

MODE LIGHT	SYMPTOM	PROBLEM PART / Solution	PART#
1	Drum Stops	Control Board / Change	C00090505
2	Drum Stops	Tachometer / Change	
	Drum Stops	Motor / Change	C00090196
	Thermal Protector Open	Thermal Protector / Change	C00090196
3	Low water level or slow drying	Sensors (Water or Drying) / Change	
4	Door Locked	Pressure Switch / Change	C00090200
5	Empty/Full no signal	Pressure Switch / Change	C00090200
	Pump not draining	Drain Pump / Change	C00090207
	Water coming in and draining directly	Water Inlet Valve / Change	C00090212 & C00090327
6	Non-functional Cycles	Selector Knobs / Change appropriate knob	Washer - C00082801
			Dryer & Water Temp - C00082292
9	Program Errors	Control Board / Change Board & Return to factory	C00090505
10	Open & Close Signal	Pressure Switch / Change	C00090200
11	No water pumping	Drain Pump / Change	C00090207
13	Not drying properly	Dryer Sensor or Thermostat / Change	C00089982
14	No heat	Heating Element / Change	C00090214
15	No heat	Temperature Sensor / Change	C00080767

WHEN THERE IS ANY FAULT, THE PUMP COMES ON AND MACHINE CAN NOT BE OPERATED

FAULTS SITUATION ON THE MAIN PCB COMPONENTS				
Type of Fault	Main PCB Status	Press Status	Door Status Lock	Appliance behavior under fault conditions
Drain pump relay contact stuck	Standby	empty	OFF	Fault **F04** signalled
	Standby	empty	ON	
	Standby	full	ON	
Drain pump relay contact open	Standby	empty	OFF	Fault not signalled
	Standby	empty	ON	
	wash	empty	ON	Fault **F11** signalled
	wash	full	ON	
	wash dry	empty	ON	
Drain pump blocked +relay contact stuck	wash	full	ON	Conditions: during the spin cycle with the pressure switch on full, fault **F05** is signalled + the thermoprotector of the drain pump is activated, due to the presence of the pressure switch on full that keeps the door lock enabled and does not allow the contact to be opened in order to disable the loads.
Motor safety relay (RL4) stuck	Standby	empty	OFF	Fault not signalled
	Standby	empty	ON	**F01** signalled after three small movements. - During load distribution, pre-fault 1 signalled, after thre repetitions for the first spin cycle F01 is signalled. - At high speed-1150 rpm-nothing is signalled until the end of the spin cycle where the motor starts to turn again at 56 rpm with only pre-fault 1 signalled.
	wash	empty	ON	
	wash	full	ON	After three small movements, **F01** is signalled
	wash dry	empty	ON	After three small movements, **F01** is signalled
Motor safety relay (RL4) open	Standby	empty	OFF	Fault not signalled
	Standby	empty	ON	
	wash	empty	ON	Fault **F02** signalled
	wash	full	ON	
	wash dry	empty	ON	
Motor safety relay (RL4) stuck + motor TRIAC short-cicuited	Standby	empty	OFF	Fault not signalled
	Standby	empty	ON	Fault **F01** signalled with motor enabled at 700-800 rpm after 4 minutes. No BP or MV released and the motor continues to turn
	wash	empty	ON	
	wash	full	ON	**F01** during the spin cycle only at the end of the spin cycle with the motor still enaled at 700-800 rpm after 4 minutes.
	wash dry	empty	ON	No BP or MV released and the motor continues to turn, during 1150 rpm speed increases up to 1380 rpm for the entire duration of the spin cycle.

FAULTS SITUATION ON THE MAIN PCB COMPONENTS				
Type of Fault	Main PCB Status	Press Status	Door Status Lock	Appliance behavior under fault conditions
Dry heating element relay open	Standby	empty	OFF	Fault not signalled
	Standby	empty	ON	
	wash	empty	ON	
	wash	full	ON	
	wash dry	empty	ON	Severe condition: Temperature set for the wash and dry sensor reached for the execution of the macro. In this condition, the RA is powered for the brief periods of conduction of the TRIAC and given that the temperature in the tub does not rise, the cycle does not proceed.
Dry heating element relay stuck	Standby	empty	OFF	Fault not signalled
	Standby	empty	ON	Test to be performed with the new protection cycle
	wash	empty	ON	Test to be performed with the new protection cycle
	wash	full	ON	Fault **F15** signalled
	wash dry	empty	ON	Test to be performed with the new protection cycle
Wash heating element relay stuck	Standby	empty	OFF	Fault not signalled
	Standby	empty	ON	Fault **F08** signalled. N.B. a condition of pressure switch on empty is necessary, with the presence of the Wash Heating Element
	wash	full	ON	Fault not signalled
	wash dry	empty	ON	Fault **F08** signalled
Wash heating element relay open	Standby	empty	OFF	Fault not signalled
	Standby	empty	ON	
	wash	empty	ON	Fault **F07** signalled. N.B. a condition of pressure switch on empty is necessary, with the presence of the Wash Heating Element.
	wash	full	ON	Fault not signalled
	wash dry	empty	ON	

FAULT SITUATION ON THE MAIN PCB COMPONENTS - 1/2 Field Relay				
Type of Fault	Main PCB Status	Press. Status	Door lock Satus	Appliance behaviour under fault conditions
1/2 field relay with NC contact stuck	Standby	empty	OFF	Fault not signalled
	Standby	empty	ON	
	wash	full	ON	Test conditions: normative load 5 kg. The appliance is working correctly
	wash	full	ON	Test conditions: normative load 5 kg; spin cycle phase. The target speed is not reached
1/2 field relay with NO contact stuck	Standby	empty	OFF	Fault not signalled
	Standby	empty	ON	
	wash	full	ON	Test conditions: normative load 5 kg. High increase in the current absorbed by the motor (8-10 A)
	wash	empty	ON	Test conditions: normative load 5 kg; spin cycle phase. The target speed os not reached and there is a high increase in current (8-10 A)
1/2 field relay with NC contact open	Standby	empty	OFF	Fault not signalled
	Standby	empty	ON	
	wash	full	ON	Fault **F02** signalled
	wash	empty	ON	
1/2 field relay with NO contact open	Standby	empty	OFF	Fault not signalled
	Standby	empty	ON	
	wash	full	ON	Fault **F02** signalled
	wash	empty	ON	

FAULTS SITUATION ON THE MAIN PCB COMPONENTS

Type of Fault	Main PCB Status	Press. Status	Door lock Satus	Appliance behaviour under fault conditions
Solenoid valve TRIAC short-circuited	Standby	empty	OFF	Once the pressure switch on full level is reached, the SW foresees the enabling of the door lock, which allows the overflow contact to enable the drain pump on a SW and HW level.
	Standby	empty	ON	Condition protected by the overflow contact that enables the drain pump on a SW and HW level.
	wash	empty	ON	
	wash	full	ON	
	wash dry	F/E	ON	Fault **F05** signalled after the pressure switch on full is reached
Solenoid valve TRIAC open	Standby	empty	OFF	Fault not signalled
	Standby	empty	ON	
	wash	empty	ON	EVC The SW foresees the enabling of the EVL if 5' have passed and the pressure swith has not reached full.
	wash	empty	ON	EVP-EVL: The SW foresees the valve will be powered 5' OFF if 5' have passed and the pressure switch has not reached full
	wash dry	empty	ON	EVA- Loss of the effect of condensation with the relative increases in temperature and loss in drying performance levels
Selector TRIAC short-circuited	Standby	empty	OFF	Fault is not signalled
	Standby	empty	ON	During the release of the door lock contact, the selector stands still for approx. 3", enough time for the main PCB to accept the start and begin a new programme.
	wash	empty	ON	Fault not signalled (test performed on Selector Feed of HW position search) (N.B. the SW does not foresee the signalling of the fault **F06** if the TRIAC is not enabled by the microprocessor)? BACO
	wash	full	ON	
	wash dry	empty	ON	
Selector TRIAC open	Standby	empty	OFF	Fault not signalled
	Standby	empty	ON	
	wash	empty	ON	Fault **F06** signalled. Test conditions: tests performed on Selector Feed of HW position search
	wash	full	ON	
	wash dry	empty	ON	
Door lock TRIAC short-circuited	Standby	empty	OFF	Fault not signalled
	Standby	empty	ON	
	wash	empty	ON	The door lock remains powered in all the selector's positions
	wash	full	ON	
	wash dry	empty	ON	

FAULTS SITUATION ON THE MAIN PCB COMPONENTS

Type of Fault	Main PCB Status	Press. Status	Door lock Satus	Appliance behaviour under fault conditions
Door lock TRIAC open	Standby	empty	OFF	Fault not signalled
	Standby	empty	ON	
	wash	empty	ON	The appliance cannot be started
	wash	full	ON	
	wash dry	empty	ON	
Motor TRIAC short-circuited	Standby	empty	OFF	Fault not signalled
	Standby	empty	ON	Fault **F01** signalled (at hight speed 1150 rpm increase in the same up to 1380 and fault signalled at the end of the cycle)
	wash	empty	ON	
	wash	full	ON	
	wash dry	empty	ON	
Motor TRIAC open	Standby	empty	OFF	Fault not signalled
	Standby	empty	ON	
	wash	empty	ON	Fault F02 signalled
	wash	full	ON	
	wash dry	empty	ON	

TYPE OF FAULTS ON THE MAIN PCB COMPONENTS

Type of Fault	Main PCB Status	Press. Status	Door lock Satus	Appliance behaviour under fault conditions
Dry heating element TRIAC short-circuited	Standby	empty	OFF	Fault not signalled
	Standby	empty	ON	Fault not signalled and dry heating of the RA. Test to be performed with the new protection cycle
	wash	empty	ON	
	wash	full	ON	
	wash dry	empty	ON	
Dry heating element TRIAC open	Standby	empty	OFF	Fault not signalled
	Standby	empty	ON	
	wash	empty	ON	
	wash	full	ON	
	wash dry	empty	ON	Fault not signalled. In this condition the contact of the RA is not protected be the TRIAC during the opening and closing phases.

(Simulation of conduction of the TRIAC one way only)				
Type of Fault	Main PCB Status	Press. Status	Door lock Satus	Appliance behaviour under fault conditions
Selector power supply by half a wave	Standby	empty	OFF	Fault not signalled
	Standby	empty	ON	
	wash	empty	ON	Test conditions: where the program requires the selector feed or the search for a starting position.
	wash	full	ON	Fault **F06** signalled. N.B. The pulsating voltage is not enough to make the selector turn
	wash dry	empty	ON	
Selector valve power supply by half a wave	Standby	empty	OFF	Fault not signalled
	Standby	empty	ON	
	wash	empty	ON	The pulsating voltage at the ends of the valve is enough to enable it even with the minimum mains voltage. The fault is protected by the overflow contact that enables the P.S. on a S.W. and H.W level
	wash	empty	ON	
	wash dry	empty	ON	Fault **F05** signalled after the pressure switch on full is reached
Door lock power supply by half a wave	Standby	empty	OFF	The pulsating voltage at the ends of th PTC is enough to enable the contact even at the minimum mains voltage and the door lock remains enabled in all the positions and under all conditions.
	Standby	empty	ON	
	wash	empty	ON	
	wash	full	ON	
	wash dry	empty	ON	
Dry heating element power supply by a half wave	Standby	empty	OFF	Fault not signalled
	Standby	empty	ON	Fault **F13** signalled if the door lock contact release time allows the safety temperature to be reached
	wash	empty	ON	Fault **F13** signalled generated by the continuous presence of the pulsaing voltage at the ends of the RA that raise the temperature and reach the safety limit value
	wash	full	ON	
	wash dry	empty	ON	The fault is not signalled because the SW control and the heating element ventilation do not allow the temperature to reach the safety value
Wash Motor powered by half a wave	Standby	empty	OFF	Fault not signalled
	Standby	empty	ON	Fault **F04** signalled
	wash	empty	ON	
	wash	full	ON	
	wash dry	empty	ON	

FAULTS SITUATION ON THE APPLIANCE COMPONENTS				
Types of Fault	Main PCB Status	Press. Status	Door lock Satus	Appliance behaviour under fault conditions
Blower circuit 100% obstructed	wash dry	empty	ON	The temperature rises until the limit valve of the drying sensor recalls fault **F13** (NTC limit value 125 degrees C
Blower circuit 50% obstructed	wash dry	empty	ON	Severe condition: Temperature set for the wash and dry sensor reached for the execution of the macro. In this condition the temperature inside the tub fails to fails to rise and consequently prevents the cycle from proceeding.
Broken soleoid valve	Standby	empty	OFF	Once the pressure switch is on full level is reached, the SW foresees the enabling of the door lock, which allows the overflow contact to enable the drain pump on a SW and HW level.
	Standby	empty	ON	Condition protected by the overflow that enables the drain pump on a SW and HW level
	wash	empty	ON	
	wash	full	ON	
	wash dry	empty	ON	Fault **F05** signalled after the pressure switch on full is reached
Drain pump blocked	Standby	empty	OFF	Fault not signalled
	Standby	empty	ON	
	wash	empty	ON	
	wash	full	ON	Test Conditions: Position where draining is foreseen. Fault **F05** signalled after 4' waiting for the pressure switch on empty level to be reached
	wash dry	empty	ON	Fault **F05** signalled after the pressure switch on full is reached
Mains water missing	Standby	empty	OFF	Fault not signalled
	Standby	empty	ON	
	wash	empty	ON	EVC The SW foresees the enabling of the EVL if 5' have passed and the pressure swith has not reached full.
	wash	empty	ON	EVP-EVL: The SW foresees the valve will be powered 5' ON and 5' OFF if 5' have passed and the pressere switch has not reached full
	wash dry	empty	ON	EVA-loss of the effect of condensation with the relative increase in temperature and loss in drying performance levels
Pressure switch with the contact stuck on empty	Standby	empty	OFF	Fault not signalled
	Standby	empty	ON	
	wash	empty	ON	
	wash	full	ON	The fault is protected by the SW that foresees the power supply of the valve 5' ON and 5' OFF if 5' have passed and the pressure switch has not reached full and by the overflow contact that enables the drain pump on a SW and HW level.
	wash dry	empty	ON	Fault not signalled

FAULTS SITUATION ON THE APPLIANCE COMPONENTS				
Types of Fault	**Main PCB Status**	**Press. Status**	**Door lock Satus**	**Appliance behaviour under fault conditions**
Pressure switch with the contact stuck on full	Standby	empty	OFF	Fault **F08** signalled (The SW foresees the enabling of the door lock with the pressure switch on full)
	Standby	empty	ON	
	wash	empty	ON	
	wash	full	ON	
	wash dry	empty	ON	
Motor Rotor blocked	Standby	empty	OFF	Fault not signalled
	Standby	empty	ON	
	wash	empty	ON	Fault **F02** signalled after three failed attempts to power the motor. N.B. current limitation valves (130V=7A) (115V=8A) (122V=9A)
	wash	full	ON	
	wash dry	empty	ON	
Thermoprotector activated	Standby	empty	OFF	Fault not signalled
	Standby	empty	ON	
	wash	empty	ON	Fault **F02** signalled after three failed attempts to power the motor.
	wash	full	ON	
	wash dry	empty	ON	

FAULTS SITUATION ON THE APPLIANCE COMPONENTS				
Type of fault	Main PCB Status	Press. Status	Door lock Satus	Appliance behaviour under fault conditions
Motor tachometer open/short-circuited	Standby	empty	OFF	Fault not signalled
	Standby	empty	ON	
	wash	empty	ON	Fault **F02** signalled after three failed attempts to power the motor
	wash	full	ON	
	wash dry	empty	ON	
Dry sensor open/short-circuited	Standby	empty	OFF	Fault **F13** signalled
	Standby	empty	ON	
	wash	empty	ON	
	wash	full	ON	
	wash dry	empty	ON	
Wash sensor open/short-circuited	Standby	empty	OFF	Fault **F03** signalled
	Standby	empty	ON	
	wash	empty	ON	
	wash	full	ON	
	wash dry	empty	ON	
Fan motor not working	Standby	empty	OFF	Test to be performed with the new protection cycle
	Standby	empty	ON	
	wash	empty	ON	
	wash	full	ON	
	wash dry	empty	ON	
Selector motor blocked/not powered	Standby	empty	OFF	Fault not signalled
	Standby	empty	ON	
	wash	empty	ON	Fault **F06** signalled Test conditions: tests performed on Selector Feed of HW position search
	wash	full	ON	
	wash dry	empty	ON	
Missing selector code(s)	Standby	empty	OFF	Fault not signalled
	Standby	empty	ON	
	wash	empty	ON	Fault **F06** signalled Test conditions: tests performed on Selector Feed of HW position search
	wash	full	ON	
	wash dry	empty	ON	

FAULTS SITUATION ON THE APPLIANCE COMPONENTS				
Type of fault	Main PCB Status	Press. Status	Door lock Satus	Appliance behaviour under fault conditions
Dry heating element open or not powered	Standby	empty	OFF	Fault not signalled N.B. Fault F14 will only be signalled in the presence of a specific macro where the pressure switch on full is present in the drying phase
	Standby	empty	ON	
	wash	empty	ON	
	wash	full	ON	
	wash dry	empty	ON	Severe condition: Temperature set for the wash and dry sensor reached for the execution of the macro. This condition does not allow the temperature inside the tub to rise and consequently prevents the cycle from proceeding.
Wash heating element open	Standby	empty	OFF	Fault not signalled
	Standby	empty	ON	
	wash	empty	ON	Fault **F07** signalled. N.B. a condition of pressure switch on empty is necessary, with the pressence of the wash heating element
	wash	full	ON	Fault not signalled
	wash dry	empty	ON	
Ground dispersion of the dry heating element	Standby	empty	OFF	Test to be performed with the new protection cycle
	Standby	empty	ON	
	wash	empty	ON	
	wash	full	ON	
	wash dry	empty	ON	
Appliance turned off with water in the tub	Standby	empty	OFF	Fault not signalled Condition protected by the door lock that remains enabled and does not allow the appliance door to be opened
	Standby	empty	ON	
	wash	empty	ON	
	wash	full	ON	
	wash dry	empty	ON	

EQUATOR CONTACT NUMBERS

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